



TAMANNA HOSSAIN-KAY

CONTACT

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TALKS & AWARDS

BOB & BARBARA KLEIST ENDOWED GRADUATE FELLOWSHIP

ICS UCI, 2024

LLM PANEL

HPI Data & AI Retreat, 2023

BEST PAPER AWARD

EMNLP 2020, COVID-19 Workshop (Part-2)

MOST INNOVATIVE USE OF DATA

Jornaya, 2016

AFFILIATIONS

Hasso-Plattner Institute: Fellow

Kappa Alpha Theta: Member

SKILLS

Python, Pytorch, Transformers, R, SQL

LANGUAGES

English, Bangla

SERVICE EXPERIENCE

HPI-UCI Reading Group

Co-organizer, 2023-2024

NLP Ethics Reading Group

Co-organizer, 2023-2024

UCI ML Hackathon 2022

Organizer, 2022

UCI ML Hackathon 2021

Organizer, 2021

One Billion Rising, Bangladesh Chapter

Coordinating Board, 2012-2013

V-Day, Lawrence University Chapter

President, 2011-2012

Student Government, Lawrence University

General Secretary, 2010-2011

EDUCATION

University of California, Irvine

Ph.D., Computer Science(GPA: 4.00)

2021-Present

M.S., Computer Science(GPA: 3.98)

2019-2021

Supervisor: Sameer Singh

Oklahoma State University

M.S., Statistics(GPA: 4.00)

2013-2015

Supervisor: Joshua Habiger

Lawrence University

B.A., Mathematics, Philosophy(GPA: 3.51)

2008-2012

Supervisors: Richard Sanerib, Tom Ryckman

PAPERS

Limits of SSM Hidden States Through the Lens of Text Reconstruction *In progress*

Tamanna Hossain, Robert L. Logan, Ganesh Jagadeesan, Sameer Singh, Joel Tetreult

MisgenderMender: A Community-Informed Approach to Interventions for Misgendering *NAACL 2024*

Tamanna Hossain, Sunipa Dev, Sameer Singh

MISGENDERED: Limits of Large Language Models in Understanding Pronouns *ACL 2023*

Tamanna Hossain, Sunipa Dev, Sameer Singh

Evaluating the Generalisability of Neural Rumour Verification Models

Information Processing and Management Journal 60 (1) 2023

Elena Kochkina, Tamanna Hossain, Robert L. Logan IV, Miguel, Arana-Catania, Rob Procter, Arkaitz Zubiaga, Sameer Singh, Yulan He, Maria Liakata

Detecting COVID-19 Misinformation on Social Media *EMNLP 2020, COVID-19 Workshop (Part-2) Best paper award*

Tamanna Hossain, Robert L. Logan IV, Arjuna Ugarte, Yoshitomo Matsubara, Sean Young, Sameer Singh

WORK EXPERIENCE

Research Intern

Dataminr

July -Sept 2024

Teaching Assistant

Computer Science, University of California, Irvine

Jan -June 2024

Graduate Student Researcher (GSR)

Computer Science, University of California, Irvine

2020-2022

Data Scientist

LoanDepot

2016-2019